

REMARKS

Claims 1-7, 9-13, and 15-22 are pending in the application.

Claims 1-5, 7, 10-13, 15-17 and 20-21 stand rejected under 35 U.S.C. 102(b) as being anticipated by either U.S. Patent 4,823,602 (Christensen, Jr.) or U.S. Patent 6,435,902 (Groh et al.). Claim 21 stands rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 4,947,690 (Cleveland). Claims 1-7, 9-13, and 14-22 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 6,202,491 (McCarty et al.).

Each of the pending claims has been amended to contain the limitation previously contained in cancelled claims 8 and 14, or a similar limitation: "wherein the motion sensor includes connect detection circuitry, the connect detection circuitry being capable of determining if the fastener is coupled with the object, the connect detection circuitry being in electrical communication with one of the plurality of surfaces of the fastener" or a similar limitation.

Claim Rejections – 35 U.S.C. 102(b)

McCarty '491 discloses an acceleration measurement system comprising a fastener (vibration coupling stud) 14 which is coupled to an object 10. A handheld vibration monitor 20 is secured to one of the plurality of surfaces of the fastener 14 through a probe 23. (See, e.g., McCarty '491, column 4, lines 8-54 and fig. 1).

McCarty '491 does not teach, disclose or suggest providing connect detection circuitry to indicate that the fastener 14 is coupled with the

object 10. In particular, no indication is provided in the passages cited in the office action: McCarty '491, column 9, lines 11-47; column 10, lines 13-39; column 11, lines 4-65; or column 12, lines 14-26, of circuitry indicating that the fastener (stud) 14 is coupled to the object 10.

Neither U.S. Patent 4,823,602 (Christensen, Jr.), nor U.S. Patent 6,435,902 (Groh et al.) nor U.S. Patent 4,947,690 (Cleveland) provides the teaching, lacking in McCarty '491, of connect detection circuitry that indicate that the fastener is coupled to the object.

Since each of the claims, as amended, now includes the limitation:

“wherein the motion sensor includes connect detection circuitry, the connect detection circuitry being capable of determining if the fastener is coupled with the object, the connect detection circuitry being in electrical communication with one of the plurality of surfaces of the fastener” or a similar limitation, neither Christensen '602 nor Groh '902 nor Cleveland '690 nor McCarty '491 can anticipate any of these claims under 35 U.S.C. 102(b). Therefore, claims 1-7, 9-13, and 15-22 are deemed allowable over the art of record in this application.

Claim Objections

Claims 1-20 stand objected to because of the following informalities.

In claim 1, line 7, what is the word "it" referring to?

In claim 10, line 8, what is the word "it" referring to?

In claim 16, line 6, what is the word "it" referring to?

Claims 1, 10 and 16 have been amended to make clear that the

motion sensor is secured to the fastener.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith to our Deposit Account No. 19-4972. Applicants request reconsideration of all claims and a notice of allowance. The Examiner is requested to telephone the undersigned if any matters remain outstanding so that they may be resolved expeditiously.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'J. L. Conway', with a long, sweeping horizontal stroke extending to the right.

John L. Conway
Registration No. 48,241
Attorney for Applicants

Bromberg & Sunstein LLP
125 Summer Street
Boston, MA 02110-1618
(617) 443-9292

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